

# Converting Colors

Android(4290480127)

Have a look what the booklet for  
Android(4290480127) contains.

<b>Android(4290480127)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4290480127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB87FF
RGB	187, 135, 255
RGB Percent	73%, 53%, 100%
CMY	0.2667, 0.4706, 0.0000
CMYK	0.27, 0.47, 0.00, 0.00
HSL	266°, 100%, 76%
HSV	266°, 47%, 100%
XYZ	47.2075, 35.1127, 98.8971
YIQ	164.2280, -7.5280, 48.3440

# Conversions

## Conversions Part 2

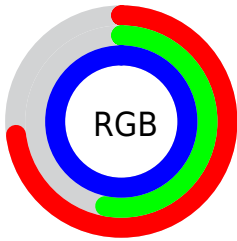
Format	Color
<a href="#">RYB</a>	<a href="#">187, 135, 255</a>
Decimal	<a href="#">12290047</a>
CIELab	<a href="#">65.84, 43.23, -52.59</a>
CIELCh	<a href="#">66, 68.076, 309.417</a>
Yxy	<a href="#">35.1127, 0.2605, 0.1938</a>
Android (android.graphics.Color)	<a href="#">4290480127</a> <a href="#">(0xFFBB87FF)</a>
YUV	<a href="#">164.2280, 44.7506, 19.9710</a>
Hunter-Lab	<a href="#">59.2560, 38.5076, -57.4746</a>

# Details

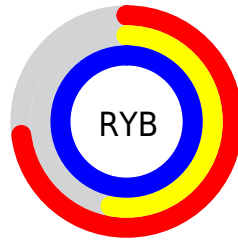
The Android color `4290480127` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4291559303`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4294295039`, and `4286796998` is the 20% darker color. If you saturate the color by 10%, you get `4289556223`, and if you desaturate by 10%, it is `4291404287`.

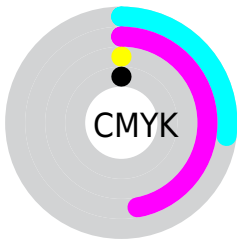
# Distribution



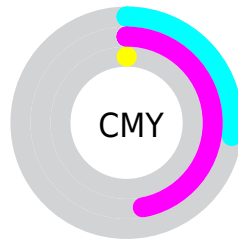
- Red (73%)
- Green (53%)
- Blue (100%)



- Red (73%)
- Yellow (53%)
- Blue (100%)



- Cyan (27%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290480127 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4290480127 by changing the saturation by 10% instead.



 4290480127

 4290480127

4294967295

 4288638434

 4294295039

 4286796998

 4294957567

 4284955562

 4294964991

 4283179919

 4281272437

 4279042139

 4278190147

 4278190892

 4278190358

 4290480127

 4290480127

 4289556223

 4291404287

 4288566527

 4292393727

 4287642367

 4293317887

 4286652927

 4294307327

 4285729023

4294967295

 4285464831

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4281639423



4290480127



4294471116

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4290480127



4292906276



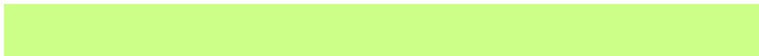
4278238642

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4290480127



4291559303

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278237811



4290480127



4289504011

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4290480127



4294931541



4285182521



4278238188

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4290480127



4294927268



4285182521



4278238365



# Sweetspot

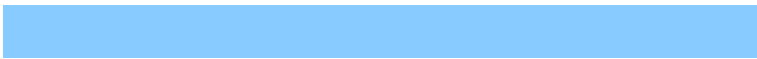
The Sweet Spot groups the original color and five complimentary colors.



4290480127



4293647359



4287089663



4285753984



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4290480127



4289622271



4294412287



4286083968



4283629759



4280025152



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294936523



4294930625



4287627143



4286608250



4290707564

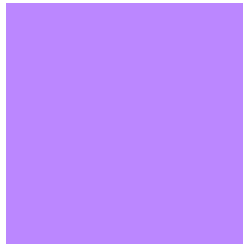


4282384420



# Previews

## White Background



This preview shows how the Android color 4290480127 looks on a white background.

## Color Contrast Check

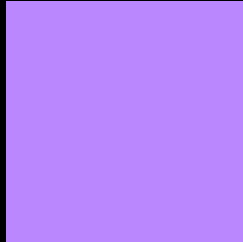
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4290480127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4290480127 Background



This preview shows how black text looks on a background with the Android color 4290480127.



This preview shows how white text looks on a background with the Android color 4290480127.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4290480127



**Protanomaly**  
4287796735



**Deuteranomaly**  
4287338492



**Tritanomaly**  
4289828040

# Monochromacy



**Original Color**  
4290480127



**Achromatopsia**  
4288980132



**Achromatomaly**  
4289501637

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290480127 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 135, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 135, 255) }
```

## Border

The CSS property to change the border of an element to Android 4290480127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

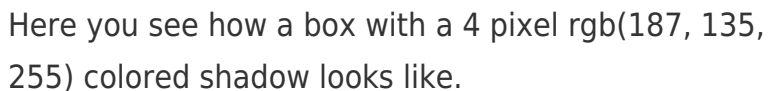
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 135, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 135, 255) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(187, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 135, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 135, 255); box-shadow:4px 4px 4px 4px rgb(187, 135, 255) }
```

# Background

The CSS property to change the background color of an element to Android 4290480127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 135, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
135, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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